BRUHAT BANAGLORE MAHANAGARA PALIKE

Excecutive Engineer Dasarahalli Division

me of work; Providing infrastructure Programmes to SC/ST Communities in Dasarahalli Zone

ode: 1878 | Estimate Amount : | 85.00 Lakhs

Description of Item	Unit / Rate	Nos	Dimensions L	B	D	Quantity	Rate .	Amount
KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 (P.No.6 I.No.2.3)								
Basic Rate	222.00	(249)						
AW @ 6%	13.32							
Total	235.32							
Karekallu								
For New RCC Drain								
For Raft								
Karekallu	Cum							
		1	100.00	1.10	1.00	110.00		
Manjunathanagara		1	600.00	1.10	1.10	726.00		
For Culverts								
At Karekallu								
Culvert		8	5.75	1.60	0.90	66.24		
At Manjunathanagara								
Culvert		4	5.50	1.60	0.90	31.68		
Desilting drains								
Karekallu		1	283.00	0.60	0.40	67.92		
				Total Quantity		**1001.88**	**235.32**	**235762.40**
2 KSRB 4-1.3: Providing and laying in position plain cement concrete of mix1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (P.13/4.3)								
Basic Rate	5102.00							
AW @ 6%	306.12							
Total	5408.12							
Karekallu								
For New RCC Drain								
For Raft								
At Karekallu	Cum							
		1	100.00	1.10	0.15	16.50		
Manjunathanagara		1	600.00	1.10	0.15	99.00		
For Culverts								

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At Karekallu								
Culvert								
Manjunathanagara		8	5.75	1.60	0.15	11.04		
Culvert								
Desilting drains		4	5.50	1.60	0.15	5.28		
Karekallu								
		1	307.50	0.60	0.10	18.45		
					Total Quantity	150.28	5408.12	812732.27

KSRB 4-6.9 :Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No. 17 / Item No.4.36)

Basic Rate	358.00	(755)						
AW @ 6%	21.48							
Total	379.48							
For New RCC Drain								
For Raft								
At Karekallu	Cum							
	(Sqm)	2	100.00		0.60	120.00		
Manjunathanagara		2	600.00		0.75	900.00		
For Culverts								
At Karekallu		8	5.75		0.60	27.60		
Manjunathanagara		4	5.50		0.60	13.20		
For deck slab		8	5.75	0.60		27.60		
		4	5.50	0.60		13.20		
					Total Quantity	1092.96	379.48	414756.46

KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6

Basic Rate	5892.00							
AW @ 6%	353.52							
Total	6245.52							
For New RCC Drain								
For Raft	Cum							
At Karekallu		1	100.00	1.10	0.15	16.50		
Manjunathanagara		1	600.00	1.10	0.15	99.00		
For Culverts								
At Karekallu		8	5.75	1.60	0.15	11.04		
At Manjunathanagara		4	5.50	1.60	0.15	5.28		
Desilting drains								
Karekallu		1	290.00	0.60	0.10	17.40		

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For Side wall								
At Karekallu		2	100.00	0.15	0.60	18.00		
Manjunathanagara		2	600.00	0.15	0.75	135.00		
For Culverts								
At Karekallu	2	8	5.75	0.30	0.90	24.84		
At Manjunathanagara	2	4	5.50	0.30	0.90	11.88		
For deck slab of Culvert		8	5.75	1.50	0.25	17.25		
		4	5.50	1.50	0.25	8.25		
					Total Quantity	364.32	**6245.52**	**2275367.85**
KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. (TMT bars FC 500)(P.18/4.46.2) Issue rate date : 02.11.2021 till now								
Basic Rate	70966.00							
AW @ 6%	4257.96							
Total	**75223.96**							
	Tonnes							
For Drain								
Qty @60Kg/Cum		300.00	55.00			16500.00		21.86
For Culverts								
Qty @80Kg/Cum		64.32	83.00			5338.56		
	Kgs	Total Quantity				21838.56		
	Tonnes	Total Quantity				21.86	75223.96	1644395.77
6 Providing and and fixing Precast Concrete slab 10 CM thick with all lead and lift as per specification **(Data Rate Approved) 2018-19**								
Basic Rate	2337.00							
Total	**2337.00**							
For New RCC Drain								
For Raft	**Sqm**							
At Karekallu		2	100.00	0.90		180.00		
At Manjunathanagara		2	355.40	0.90		639.72		
		Total Quantity				**819.72**	**2337.00**	**1915706.52**
7 Transportation & disposing off the excavated earth obtained from side drains and high burns an either side of the road 2 km lead								
Av wt of earth 1.28 tonne/km	**Cum**							
Basic Rate lead charges for 4.00 kms (2.00x1.28x15.00	12.80							
Add loading and unloading	68.00							
Sub Total	80.80							
AW @ 6%	4.85							
Total	85.65							
Total Quantity as item no;1	Cum					1001.88		

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Qty vide i.no 1	Cum	1001.88	85.65	85811.00
			Sub Total	7384462.00
			Add 12% Towards GST Charges	886135.00
			Tender premium 3%	221534.00
			Miscellaneous Charges	7869.00
			Grand Total	8500000.00

Certificate:-

1. That the workspot inspected by me and found work is necessary.
2. That the area comes with in the Bruhat Bangalore Mahanagara Palike Limits.
3. That the rates are adopted based on the PWD SR of 2018-19
4. That the provisions made in the estimate are necessary and quite essential.

Assistant Engineer
Ward No.14
BBMP Bangalore

Assistant Executive Engineer
Dasarahalli Sub-Division
BBMP Bangalore

Executive Engineer
Dasarahalli Division
BBMP Bangalore

ADMINISTRATIVELY SANCTIONED FOR
(Rupees Eighty five lakhs —
Under the Head of Account P-1878
Budget code - 05 - 330501
Registered as no EE(D.D.)/AS. 188 Subject
to conditions contained in Enclosed Memo
No. EE/DD/AS.1.188/21-22 Dt. 13.01.22

JE/AE. Exe. Engr (DASARAHALLI) BBMP

Technically Sanctione for Rs. 85.00 Lakh
Rs. In words Eighty five lakh
only
Under P-1878
Job Code No. P-1878
Registered as CE No. 107/21-22 Subject
to conditions contained in Enclosed Mem
No. CE/07/107/107/21-22 Dt. 19.1.22

AE/JE TA CE(L)

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